What Is Claimed Is:

- 1. An injection catheter for direct injection into a body tissue comprising: an injection tube having a first channel and a piercing tip, the first channel in fluid communication with a pressure source; and a pressure apron, the injection tube slidably placed in the pressure apron and moveable from a first position to a second position, the pressure apron having a tissue-mating surface, the piercing tip extending beyond the tissue-mating surface in the second position.
- 2. The injection catheter of claim 1, wherein the injection tube has a second channel.
- 3. The injection catheter of claim 1, further comprising: a catheter wall surrounding the injection tube and coupled to the pressure apron.
- 4. The injection catheter of claim 1, wherein the pressure apron includes an adhesive on at least a portion of one of its surfaces.
- 5. The injection catheter of claim 1, wherein the pressure apron is in the form of a truncated cone.
- 6. The injection catheter of claim 1, wherein the pressure apron includes a biocompatible polymeric material selected from silicones, nylons, urethanes, polyamides, polyimides, elastomers, or combinations thereof.





- 7. The injection catheter of claim 1, further comprising:
 a second injection tube slidably placed in the pressure apron.
- 8. An injection device for direct injection into a body tissue comprising: a catheter with a lumen;
 - a pressure apron coupled to the catheter and surrounding the lumen; and,
 - a piercing tip retractably positioned within the lumen and extendable from the pressure apron,
 - the pressure apron having a tissue-mating surface adaptable to sealably engage a target tissue.
- 9. The injection device of claim 8, wherein the piercing tip has a first channel and a second channel, the first and second channels in fluid communication with a pressure source.
- 10. The injection device of claim 8, wherein a channel coupled to the piercing tip contains therapeutic.
- 11. The injection device of claim 8, wherein a channel coupled to the piercing tip contains plug forming material.
- 12. The injection device of claim 8, wherein the pressure apron has an adhesive on one of its surface.
- 13. The injection device of claim 12, wherein the adhesive is selected from polysacharides, cellulose, hydrogels, aliginate, or combinations thereof.

- 14. The injection device of claim 8 wherein the target tissue is the myocardium.
- 15. A medical kit for delivering a therapeutic comprising:

a catheter having a channel, and a piercing tip, the piercing tip in fluid communication with a pressure source the piercing tip slidably placed in the channel;

a pressure apron coupled to the catheter and having a tissuemating source; and

a therapeutic.

- 16. The kit of claim 15, wherein the piercing tip has a first lumen and a second lumen, the first lumen and the second lumen slidable relative to one another.
- 17. The kit of claim 15, wherein the pressure apron sealably engages the catheter.
- 18. The kit of claim 15, wherein the pressure apron includes an adhesive on a least a portion of one of its surfaces.
- The kit of claim 15, wherein the pressure apron is in the form of a truncated cone.
- 20. The kit of claim 15, wherein the pressure apron includes a biocompatible polymeric material selected from silicones, nylons, urethanes, polyamides, polyimides, elastomers, polyetherblockamide or combinations thereof.

- 21. A system for preventing leakage of material from a body tissue during the injection of a therapeutic comprising:
 - a catheter with a lumen;
 - a pressure apron surrounding the lumen; and,
 - a piercing tip retractably positioned within the lumen,
 the pressure apron having a tissue-mating surface.
- 22. The system of claim 21 wherein the piercing tip has a first channel and a second channel, the first and second channels in fluid communication with a pressure source.
- 23. The system of claim 21 wherein the first channel of the piercing tip contains a therapeutic and the second channel of the piercing tip contains a plug forming material.
- 24. The system of claim 21 wherein the pressure apron has an adhesive on at least a portion of one of its surfaces.
- 25. The system of claim 24 wherein the adhesive is selected from polysacharides, cellulose, hydrogels, aliginate, or combinations thereof.